I claim:

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- 1. A space saving cooking appliance comprising:
- an outer case with a front and rear surface, said rear surface being prism shaped with an apex for fitting an interior room corner, said front surface being arcuate;
- at least one cylindrical cooking space contained in said case;

at least one access means into said cylindrical cooking space for inserting and removing food;

- at least one means for supplying thermal energy to said food.
 - 2. The space saving cooking appliance of claim 1 wherein said means for supplying thermal energy is a microwave source.
- 3. The space saving cooking appliance of claim 2 further comprising at least one alternate cooking space.
 - 4. The space saving cooking appliance of claim 3 wherein said alternate cooking space is a toaster.
 - 5. The space saving cooking appliance of claim 3 wherein said

alternate cooking space is a rotisserie.

6. The space saving cooking appliance of claim 3 wherein said alternate cooking space is a coffee maker.

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- 7. The space saving cooking appliance of claim 3 wherein said alternate cooking space is a broiler.
- 8. The space saving cooking appliance of claim 3 wherein said alternate cooking space is a grill.
 - 9. The space saving cooking appliance of claim 1 wherein said access means is on said arcuate surface.
- 10. The space saving cooking appliance of claim 9 wherein said access means is a door with a latch.
- 11. A space saving cooking appliance with a microwave oven of the type used to cook or heat food comprising a front arcuate room-facing surface with an arcuate door allowing insertion and removal of food; a cylindrical interior region forming a cooking space; a prism shaped outer case with a flat top and bottom surrounding the cylindrical cooking space, this outer case having a rear vertical apex matching a room corner, this case mating with the front arcuate room-facing surface.

- 12. The space saving cooking appliance of claim 11 further comprising at least one side compartment, said side compartment containing at least one auxiliary cooking appliance.
- 5 13. The space saving cooking appliance of claim 12 wherein said auxiliary cooking appliance is a toaster.
 - 14. The space saving cooking appliance of claim 12 wherein said auxiliary cooking appliance is a rotisserie.

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- 15. The space saving cooking appliance of claim 12 wherein said auxiliary cooking appliance is a broiler.
- 16. The space saving cooking appliance of claim 12 wherein saidauxiliary cooking appliance is a grill.
 - 17. A space saving cooking appliance with a microwave oven of the type used to cook or heat food comprising a front arcuate room-facing surface with an arcuate door allowing insertion and removal of food; a cylindrical interior region forming a cooking space; a half-cylinder shaped outer case with a flat top and bottom surrounding the cylindrical cooking space, this outer case having flat rear surfacing for facing a wall, this case mating with the front arcuate room-facing surface.

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18. The space saving cooking appliance of claim 17 further

comprising at least one side compartment, said side compartment containing at least one auxiliary cooking appliance.

- 19. A space saving cooking appliance comprising a partially spherical outer shell with a flat bottom containing a partially spherical cooking space, said spherical cooking space also having a flat bottom parallel to said flat bottom of said outer shell.
- 20. The space saving cooking appliance of claim 19 further comprising an arcuate access port for the insertion and removal of food.

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